



The Sustainable Pioneer Newsletter August/September 2006

NREL Wins Design Excellence 2006 Award



Photo contributed by Bethany Frisbie

(From left) Pete Sheldon, S&TF technical project manager, Eric Telesmanich, S&TF project manager and Chris Gaul, S&TF building area engineer, stand with the Commissioners' Award recognizing the S&TF's creative and innovative site design.

The Laboratory's efforts to reduce overall energy consumption and achieve leadership in sustainable building design paid off as the Jefferson County Board of Commissioners on July 24 presented NREL's Science & Technology Facility (S&TF) with the Commissioners' Award at the Design Excellence 2006 Awards ceremony. The Award recognizes the ST&F as an outstanding development project with county-wide and regional significance.

"NREL's mission is to advance renewable energy and energy efficiency technologies through R&D," said Pete Sheldon, the S&TF technical project manager, as he accepted the award on behalf of the Laboratory along with Eric Telesmanich and Janice Rooney. "As part of that mission, it is also important

that we 'walk the talk' and integrate these technologies into the facilities that we build, and with the S&TF we have done that."

With the S&TF, NREL was able to implement aggressive energy savings, and is on track to achieve a Leadership in Energy and Environmental Design (LEED™) Gold rating by incorporating 100 percent daylighting for ambient lighting in all office areas and 50 percent daylighting for ambient lighting in most labs; and by allowing for building-integrated photovoltaics as an electricity source in the future. At the same time, NREL's development plans included minimizing the building's footprint on the land and its impact on natural flora and fauna, and preserving views of the surrounding vistas. (Thanks to Nancy Carlisle for her "behind the scenes" work on making this rating a reality.)

The Design Excellence Awards program honors creative and innovative site design in the development community. The program includes not only the Commissioners' Award but also honor awards and merit awards. Jefferson County received more than 30 entries for this year's Design Excellence program. Entries were judged by a professional panel whose members include the American Planning Association, American Institute of Architects, American Society of Landscape Architects, and Jefferson County staff, among others.

NREL's Reusable Office Supply Depot



Feel free to take any office supplies that you need from the Reusable Office Supply Depot, located on the fourth floor of Building 16. You can also donate any ***new or "good as new"*** items. Please don't donate broken items. See the table below for what supplies are available and accepted, and what's not.

The Depot provides a great opportunity for centers and offices to save money and help the environment by reusing office supplies that could end up in a landfill. Please contact Ellen Parker, project coordinator for Sustainable NREL, at 303-275-3634 if you have any other questions.

| <i>Supplies Accepted or Available</i> | <i>Supplies NOT Accepted or Available</i> |
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| <ul style="list-style-type: none">• Notebooks – all sizes• File folders – legal or letter• Hanging files – all colors and sizes• Tape – masking, scotch, packing• Tape dispensers• Staplers• Pencils, pens• Desk dividers• Stackable desk trays• Paper Clips, large clamps• Pocket Folders – letter or legal• Expanding file pockets• Draft stamps• Labels• White boards | <ul style="list-style-type: none">• Old wrist and mouse rests• Any <u>Trendway</u> product should go to Ludene Brandi x 7318• Any computer equipment should go to Andrew Kohm x 6249:<ul style="list-style-type: none">◦ docking stations◦ mice◦ power cords◦ zip drives• Any media storage – disks, etc should be taken to Client Services X 4171• Any old telephones, cords, etc. contact Lynette Tarlton X 4141• <i>PLEASE: No Broken Items</i> |

NREL Converts to Green Online Office Supplies Ordering System

As part of the new subcontract with CADDO Solutions, NREL has moved to a "green products" online ordering system for office supplies. This online catalog will default to items with recycled content only. Some items will be blocked (coffee, candy, etc).

You'll soon be able to access this online CADDO system through TheSource at http://thesource.nrel.gov/cbs/office_supply/.

CADDO will supply NREL with a printed version of their recycled product catalog only upon request.



Fluorescent lighting has moved beyond store and office fixtures to a wide range of applications with Compact Fluorescent Lamps (CFL). With electronic ballasts and smaller sizes, problems of the past have been reduced, and prices have dropped. CFLs now last up to 10 times longer and use up to 75% less energy than incandescent lightbulbs. It's estimated that you can save at least \$25 over the life of each CFL bulb that replaces an incandescent bulb. If every household in the United States made their next lightbulb an ENERGY STAR CFL, the reduction in air pollution would be the equivalent of taking 1.2 million cars off the road for one year! For more information, see the EERE Consumer's Guide Web site at http://www.eere.energy.gov/consumer/your_home/lighting_daylighting/index.cfm/mytopic=12050.

For more information, visit the [Web site](http://www.nrel.gov/sustainable_nrel/) (http://www.nrel.gov/sustainable_nrel/).